60137-231; 265-3038-U

IN THE CLAIMS

1. (Currently Amended) A device for driving an attachment element into a work piece comprising:

a first drive element for driving a plunger in a first direction away from an attachment element to be driven, and said plunger storing energy in an energy storage mechanism when moved in said first direction;

a second drive element to drive said plunger in a second direction opposed to said first direction, and release stored energy stored in said energy storage mechanism in combination with a power force from said second drive element to said plunger when moved in said second direction to drive an attachment element;

said first and second drive elements for moving said plunger in said first direction and in said second direction being the same drive element, said same drive element being an electric coil; and

a position sensor for sensing a position of said plunger, a ~~said~~ control receiving a signal from said position sensor when said plunger reaches a rearwardly spaced position, and driving said plunger in said second direction once said position sensor has identified said plunger as being in said rearwardly spaced position.

2. (Cancelled)

3. (Previously Presented) A device as set forth in claim 1, wherein said coil tends to center said plunger within said coil, and said plunger first being positioned spaced toward the attachment element from a centered position, said plunger being pulled into said coil in said first direction and power to said coil being stopped before said plunger reaches a centered position, momentum carrying said plunger beyond said centered position; and against said force storage mechanism to transfer force to said force storage mechanism.

4. (Previously Presented) A device as set forth in claim 3, wherein said control and said force storage mechanism are designed such that said plunger stores energy in said force storage mechanism, and said power force is then initiated.

5. (Original) A device as set forth in claim 4, wherein said force storage mechanism is a coil spring.

6.-16. (Cancelled)

17. (Previously Presented) A power nailer for driving a nail into a work piece comprising:

a plunger having a blade at a forward end, said plunger being guided within guides adjacent one end, and said blade being brought into contact with a nail received within said power nailing device;

a coil positioned to drive said plunger in a first and second direction;

a spring on an opposed side of said coil from said nail;

a coil for driving said plunger within said coil in a first direction, and away from said nail, said plunger moving to compress said spring, and transfer energy from said plunger to be stored in said spring, and said control then being operable to fire said coil to drive said plunger in said second direction such that a force on said plunger when moving in said second direction includes a force from said coil, and a force previously stored in said spring, said plunger then being brought into contact with said nail, driving said nail into a work piece; and

a control receiving a signal from a position sensor when said plunger reaches a rearwardly spaced position, and driving the plunger in said second direction once said position sensor has identified said plunger as being in said rearwardly spaced position.

18.-20. (Cancelled)

21. (Previously Presented) A device as set forth in claim 1, wherein said control further storing energy for driving said plunger in said second direction in a capacitor, and said energy being released after said position sensor indicates said plunger has reached said rearwardly spaced position.

22. (Previously Presented) A power nailer as set forth in claim 17, wherein said control further storing energy for driving said plunger in said second direction in a capacitor, and said energy being released after said position sensor indicates said plunger has reached said rearwardly spaced position.